

REMARKS

I. STATUS OF THE CLAIMS

Claim 25 is canceled herein.

In view of the above, it is respectfully submitted that claims 1-4, 16 and 18-24 are currently pending.

II. REJECTION OF CLAIMS 1, 16 AND 23-25 UNDER 35 USC 102(E) AS BEING ANTICIPATED BY STRUB (US PATENT NO. 6,825,875)

Claims 1, 16, 23 and 24 are amended to recite that the data output device is a pen scanner, a point of sale (POS) terminal, an automated teller machine (ATM) terminal or a wireless terminal that transmits information explaining exhibits or merchandise. Support for the amendments is found, for example, on page 4, lines 9-17, of the specification.

Therefore, the general nature of the invention as recited in amended claims 1, 16, 23 and 24 is significantly different than that disclosed in Strub.

In the Office Action, the Examiner cites column 11, line 32, to column 12, line 52, and FIG. 2, element 202, of Strub, as disclosing a pen scanner, a POS terminal or an ATM terminal.

Element 202 in FIG. 2 of Strub is a data acquisition device. As described in column 11, lines 48-53, of Strub, data acquisition device 202 records data of an event being recorded. The recorded data is then stored in data storage device 203 for subsequent use.

No portion of Strub discloses or suggests that data acquisition device 202 is a pen scanner.

No portion of Strub discloses or suggests that data acquisition device 202 is a POS terminal.

No portion of Strub discloses or suggests that data acquisition device 202 is an ATM terminal.

No portion of Strub discloses or suggests that data acquisition device 202 is a wireless terminal that transmits information explaining exhibits or merchandise.

In view of the above, it is respectfully submitted that the rejection is overcome.

III. REJECTIONS UNDER 35 USC 103 IN VIEW OF TREYZ (US PATENT NO. 6,526,335) AND KNOLLS (US PATENT NO. 6,856,820)

The present invention as recited, for example, in claim 16, relates to a data accumulation

system comprising (a) a data output device outputting text or image data; (b) a data storage device receiving the image or text data output from the data output device; and (c) a portable terminal.

As recited, for example, in claim 16 as amended herein, the data output device is a pen scanner, a point of sale (POS) terminal, an automated teller machine (ATM) terminal or a wireless terminal that transmits information explaining exhibits or merchandise.

Moreover, as recited, for example, in claim 16, the portable terminal (i) wirelessly communicates with the data storage device to cause the portable terminal to display, to a user of the portable terminal, the image or text data output from the data output device and received by the data storage device, (ii) wirelessly communicates with the data storage device to allow the user to input a command to the portable terminal indicating whether the image or text data output by the data output device and received by the data storage device should be stored in the data storage device, in accordance with a decision by the user after viewing the image or text data displayed by the portable terminal, and (iii) wirelessly communicates with the data storage device to transmit the inputted command from the portable terminal to the data storage device to cause the data storage device to store the image or text data output by the data output device and received by the data storage device in accordance with the transmitted command.

Therefore, the present invention as recited, for example, in claim 16, relates to the use of a portable terminal which displays *text or image data* wirelessly output from a *pen scanner, a point of sale (POS) terminal, an automated teller machine (ATM) terminal or a wireless terminal that transmits information explaining exhibits or merchandise*, and received by a data storage device, and allows the user of the portable terminal to input a command to the portable terminal indicating whether the image or text data output by the pen scanner, POS terminal, ATM terminal or the wireless terminal and received by the data storage device should be stored in the data storage device, in accordance with a decision by the user after viewing the image or text data displayed by the portable terminal.

The present invention as recited, for example, in claim 16, can be understood, for example, from FIG. 2 and the corresponding disclosure on page 9, line 18, through page 10, line 11, of the specification.

Treyz discloses an automobile personal computer that interacts with wireless devices from various vendors to complete purchase transactions with the vendors. For example, in FIG. 1 of Treyz, an automobile includes an automobile personal computer 14. Automobile personal computer 14 interacts with wireless devices of vendors such as merchants 28, hotels 26 and toll collection facilities 22. See, for example, column 44, line 57, through column 46, line 43, of

Treyz, which describes the interaction of automobile personal computer 14 with wireless devices of vendors to complete purchase transactions.

Therefore, generally, a purchase transaction in Treyz requires automobile personal computer 14 and a wireless device of a vendor.

However, there is no portable device in Treyz which displays *image or text data* transferred between automobile personal computer 14 and the wireless device of the vendor to *allow the user of the portable device to make a determination as to whether the transferred image or text data should be stored.*

More specifically, Treyz does not disclose or suggest a portable terminal which displays data wirelessly output from a pen scanner, a POS terminal, an ATM terminal or a wireless terminal that transmits information explaining exhibits or merchandise, and received by a data storage device, and allows the user of the portable terminal to input a command to the portable terminal indicating whether the data output by the pen scanner, POS terminal, ATM terminal or the wireless terminal and received by the data storage device should be stored in the data storage device, in accordance with a decision by the user after viewing the data displayed by the portable terminal.

Further, no portion of Treyz relates to allowing a user of a portable device to make any type of decision as to whether data wirelessly output from a pen scanner, a POS terminal, an ATM terminal or a wireless terminal that transmits information explaining exhibits or merchandise, and received by a data storage device, is to be stored by the data storage device.

Column 20, line 62, through column 21, line 6, of Treyz, which were cited by the Examiner, disclose the use of a web-based interface that may be used to remotely adjust the settings of the automobile personal computer. A device running the web-based interface can be connected to the automobile personal computer through a cable or a wireless link. As described in this portion of Treyz, the settings which are adjusting include, for example, an e-mail address of the automobile personal computer. Column 21, line 29, through column 22, line 19, of Treyz (which includes column 22, lines 10-45, cited by the Examiner), describe other settings that can be adjusted by the web-based interface. These other settings include turning ON or OFF audio tone alerts, radio settings, and selection of subscription services such as digital satellite radio or Internet service.

Therefore, the web-based interface in Treyz is simply used to communicate with the automobile personal computer to adjust settings. Only two devices are involved in the setting process: (1) the web-based interface, and (2) the automobile personal computer. The process does not involve three devices in a manner recited, for example, in claim 16 of the present

application.

Please note that claim 16 specifically recites a specific interaction of three devices: (1) a data output device which is a pen scanner, a POS terminal, an ATM terminal or a wireless terminal that transmits information explaining exhibits or merchandise, (2) a data storage device, and (3) a portable terminal.

More specifically, claim 16 recites that a portable terminal (i) wirelessly communicates with the data storage device to cause the portable terminal to display, to a user of the portable terminal, the data output from the data output device (which is a pen scanner, a POS terminal, an ATM terminal or a wireless terminal that transmits information explaining exhibits or merchandise) and received by the data storage device, (ii) wirelessly communicates with the data storage device to allow the user to input a command to the portable terminal indicating whether the data output by the data output device and received by the data storage device should be stored in the data storage device, in accordance with a decision by the user after viewing the data displayed by the portable terminal, and (iii) wirelessly communicates with the data storage device to transmit the inputted command from the portable terminal to the data storage device to cause the data storage device to store the data output by the data output device and received by the data storage device in accordance with the transmitted command.

As indicated above, claim 16 can be understood, for example, from FIG. 2 and the corresponding disclosure on page 9, line 18, through page 10, line 11, of the specification.

It is respectfully submitted that column 20, line 62, to column 21, line 6, and column 22, lines 10-45, of Treyz, which were cited by the Examiner, do not disclose or suggest such operation.

In the Office Action, the Examiner also refers to column 45, line 5, through column 46, line 29, of Treyz. This portion of Treyz indicates that a wireless telephone may be a part of, or attached to, the automobile personal computer. The wireless telephone can then be a part of a purchase transaction. More specifically, the wireless telephone may be used to initiate a transaction such as, for example, by placing an order or making an offer. See, for example, step 660 in FIG. 50 of Treyz. The wireless telephone may also be used to complete the transaction such as, for example, by providing payment information such as a credit card number or account number. See, for example, step 670 in FIG. 50 of Treyz.

In the Office Action, the Examiner also refers to column 53, line 60, to column 54, line 9; and column 72, lines 10-32, of Treyz. These portions of Treyz simply indicate that an automobile personal computer 14 can be used in financial transactions, and can retain data from the financial transactions.

Therefore, the wireless telephone in Treyz is simply used to initiate or complete a transaction. No portion of Treyz indicates that data output from a merchant and received by the automobile personal computer is displayed on the wireless telephone so that the user of the wireless telephone can decide whether the displayed data should be stored by the automobile personal computer. Instead, the wireless telephone of Treyz is simply used as an extension of the automobile personal computer to provide additional data input capabilities, such as an additional device to input credit card or account information.

Please note that claim 16 recites that data is *image or text* data. See, for example, page 9, line 25, through page 10, line 11; and page 11, lines 10-19, of the specification.

Treyz does NOT disclose or suggest that image or text data is output from a merchant to the automobile personal computer, and that the wireless telephone displays the image or text data to allow a user of the wireless telephone to decide whether or not the displayed image or text data should be stored by the automobile personal computer.

Moreover, an object of various embodiments of the present invention is to allow a user of a portable terminal to check whether or not the data output from the data output device and received by the data storage device *are worth storing by the data storage device*, by viewing the data as it is displayed on the portable terminal. The user can then input a command to the portable terminal indicating whether the data should be stored in the data storage device. The portable terminal then wirelessly communicates with the data storage device to transmit the inputted command from the portable terminal to the data storage device. See, for example, page 10, lines 2-6, of the specification of the present application.

Treyz is not directed to allowing a user of a portable terminal to check whether or not data output from a data output device and received by a data storage device are worth storing by the data storage device, by view the data as it is displayed on the portable terminal, as in various embodiments of the present invention.

Therefore, the objects of Treyz are significantly different than various embodiments of the present invention.

Knolls discloses communication between a PDA 324, an in-vehicle device 200 and an Internet appliance 322. The Internet appliance 322 might be included, for example, in a refrigerator. See, for example, column 8, line 57, through column 9, line 62, of Knolls. However, Knolls does not address the deficiencies described above with respect to Treyz.

Please note that the independent claims are amended herein. It is respectfully submitted that the amendments highlight differences between the overall nature of the claimed invention and the combination of Treyz with Knolls.

The above comments are specifically directed to claim 16. However, it is respectfully submitted that the comments would be helpful in understanding various differences of various other claims over Treyz in view of Knolls.

In view of the above, it is respectfully submitted that the rejection is overcome.

IV. CONCLUSION

In view of the above, it is respectfully submitted that the application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

If any further fees are required in connection with filing of this response, please charge such fees to our Deposit Account No. 19-3935.

Respectfully submitted,

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